

CB TEST CERTIFICATE

CERTIFICAT D'ESSAI OC

Product  
Produit

Transfer switching equipment

Name and address of the Applicant  
Nom et adresse du demandeur

Socomec S.A.  
1, Rue de Westhouse,  
67230, Benfeld  
France

Name and address of the manufacturer  
Nom et adresse du fabricant

Socomec S.A.  
1, Rue de Westhouse,  
67230, Benfeld  
France

Name and address of the factory  
Nom et adresse de l'usine

Socomec S.A.  
1, Rue de Westhouse,  
67230, Benfeld  
France

Rating and principal characteristics  
Valeurs nominales et caractéristiques principales

Ue: 4P: 138 / 240 Vac, 240 / 415 Vac; 2P: 240 Vac (single phase); Ie: 20 A up to 160 A; 50 / 60 Hz; AC-32B, AC-33B (Ie ≤ 125 A), AC-32A (Ie ≤ 100 A); class PC; 2 pole and 4 pole. See Annex for further ratings.

Trademark (if any)  
Marque de fabrique (si elle existe)

SOCOMECC

Type of manufacturer's Testing Laboratories used  
Type de programme de laboratoire d'essais constructeur

CTF Stage 2

Model / Type Ref.  
Réf. de type

ATyS d M, ATyS g M, ATyS p M, ATyS p M +COM, ATyS t M

Additional information (if necessary may also be reported on page 2)  
Les informations complémentaires (si nécessaire, peuvent être indiquées sur la 2ème page)

A1: editorial modifications, date of first issue: 2016-05-04

A sample of product was tested and found to be in conformity with IEC  
Un échantillon de ce produit a été essayé et été considéré conforme à la CEI

60947-5-1(ed.3);am1  
60947-6-1(ed.2);am1

As shown in the test report Ref. No. which forms part of this certificate  
Comme indiqué dans le rapport d'essais numéro de référence qui constitue partie de ce certificat

2140843.50 and 2140843.51 (dated 2011-03-23), 2172472.50 and 2191351.50

This CB Test Certificate is issued by the National Certification Body:

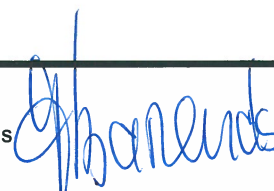
DEKRA Certification B.V.  
Meander 1051, 6825 MJ  
Arnhem  
The Netherlands

Ce Certificat d'essai OC est établi par l'Organisme National de Certification



Date: 2016-07-14

Signature: H.R.M. Barends



IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES  
FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

SYSTEME CEI D'ACCEPTATION MUTUELLE DE CERTIFICATS D'ESSAIS  
DES EQUIPEMENTS ELECTRIQUES (IECEE) METHODE OC

Additional factory

Timelec  
Zi Chebedda  
Route de, 1135,  
Ben Arous  
Tunisia

This CB Test Certificate is issued by the National Certification Body:

DEKRA Certification B.V.  
Meander 1051, 6825 MJ  
Arnhem  
The Netherlands

Ce Certificat d'essai OC est établi par l'Organisme National de Certification



Date: 2016-07-14

Signature: H.R.M. Barends

A handwritten signature in blue ink, appearing to read "H. Barends", written over the printed name.

**Product data**

|                                             |   |                                                                                                                                                                                    |
|---------------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| type of equipment                           | : | Transfer switching equipment                                                                                                                                                       |
| class of equipment                          | : | PC                                                                                                                                                                                 |
| number of poles                             | : | 2 pole: ATyS d M, ATyS g M<br>4 pole: ATyS d M, ATyS g M, ATyS p M and<br>ATyS p M + COM, ATyS t M                                                                                 |
| rated operational voltage(Ue)               | : | 4 pole:138 / 240 Vac; 240 / 415 Vac<br>2 pole: 240 Vac (single phase)                                                                                                              |
| rated insulation voltage (Ui)               | : | 800 V for main circuit<br>300 V for control circuit                                                                                                                                |
| rated impulse withstand voltage (Uimp)      | : | 6 kV for main circuit<br><br>4 kV for control circuit of ATyS d M<br>2,5 kV for control circuit of ATyS g M and ATyS p M                                                           |
| rated operational current (Ie)              | : | see product data per type                                                                                                                                                          |
| rated frequency                             | : | 50 / 60 Hz                                                                                                                                                                         |
| utilization category                        | : | AC-32B<br>AC-33B (Ie ≤ 125 A)<br>AC-32A (Ie ≤ 100 A)                                                                                                                               |
| rated short-circuit making capacity (Icm)   | : | N/A                                                                                                                                                                                |
| rated short-circuit breaking capacity (Icn) | : | N/A                                                                                                                                                                                |
| rated conditional short-circuit current     | : | 40 kA with fuses T.0 gG 160 A<br>50 kA with fuses T.0 gG 125 A                                                                                                                     |
| control circuit                             | : |                                                                                                                                                                                    |
| rated control circuit voltage (Uc)          | : | see product data per type                                                                                                                                                          |
| rated control supply voltage (Us)           | : | see product data per type                                                                                                                                                          |
| time delay                                  | : | 0 - 60 s for main failure timer of ATyS g M and ATyS p M<br>0 - 1800 s for main return timer of ATyS g M and ATyS t M<br>0 - 3600 s for main return timer of ATyS p M and ATyS t M |
| monitored supply deviation                  | : |                                                                                                                                                                                    |
| voltage deviation                           | : | ATyS g M: 5% to 20% (adjustable on controller)<br>ATyS p M: 2% to 40% (adjustable on controller)<br>ATyS t M: 5% to 20% (adjustable on controller)                                 |
| frequency deviation                         | : | ATyS g M: 3% to 10% (adjustable on controller)<br>ATyS p M: 1% to 40% (adjustable on controller)<br>ATyS t M: 3% to 10% (adjustable on controller)                                 |
| contact transfer time                       | : | 100 ms to 2,185 s                                                                                                                                                                  |
| operating transfer time                     | : | 325 ms to 6,213 s                                                                                                                                                                  |
| total operating time                        | : | 325 ms to 63,8 s                                                                                                                                                                   |
| return transfer time                        | : | 325 ms to 3600,2 s                                                                                                                                                                 |
| off time                                    | : | 130 ms minimum                                                                                                                                                                     |
| ratings of auxiliary circuit                | : |                                                                                                                                                                                    |
| utilization category, rated                 | : | AC-12; 230 Vac; 0,5 A                                                                                                                                                              |
| operational voltage and current             | : | DC-12; 30 Vdc; 2A                                                                                                                                                                  |
| rated insulation voltage Ui                 | : | 300 V                                                                                                                                                                              |
| rated impulse withstand voltage             | : | 2,5 kV                                                                                                                                                                             |
| rated frequency                             | : | 50 / 60 Hz                                                                                                                                                                         |

**Product data - type ATyS d M**

Rated current : 40, 63, 80, 100, 125, 160 A  
Rated control circuit voltage : 208 - 240 Vac  
Rated control supply voltage : 208 - 240 Vac  
Method of controlling the transfer : RTSE

**Product data - type ATyS g M**

Rated current : 20 (only 4P), 35 (only 4P), 40, 63, 80, 100, 125, 160 A  
Rated control circuit voltage : 2 pole: 208 - 240 Vac  
4 pole: 215 - 240 Vac  
Rated control supply voltage : 2 pole: 208 - 240 Vac  
4 pole: 215 - 240 Vac  
Method of controlling the transfer : ATSE

**Product data - type ATyS p M**

Rated current : 40, 63, 80, 100, 125, 160 A  
Rated control circuit voltage : 208 - 240 Vac  
Rated control supply voltage : 208 - 240 Vac  
Method of controlling the transfer : ATSE

**Product data - type ATyS p M + COM**

Rated current : 40, 63, 80, 100, 125, 160 A  
Rated control circuit voltage : 208 - 240 Vac  
Rated control supply voltage : 208 - 240 Vac  
Method of controlling the transfer : ATSE

**Product data - type ATyS t M**

Rated current : 20 (only 4P), 35 (only 4P), 40, 63, 80, 100, 125, 160 A  
Rated control circuit voltage : 2 pole: 208 - 240 Vac  
4 pole: 215 - 240 Vac  
Rated control supply voltage : 2 pole: 208 - 240 Vac  
4 pole: 215 - 240 Vac  
Method of controlling the transfer : ATSE